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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent Application of:	Docket No.:	2771-546-CIP1
Applicants:	Conf. No.:	8335
Application No.:	Art Unit:	2856
Date Filed:	Examiner:	Jacques M. Saint Surin
Title:	Customer No.:	
		23448
NICKEL-COATED FREE- STANDING SILICON CARBIDE STRUCTURE FOR SENSING FLUORO OR HALOGEN SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS, AND PROCESSES OF MAKING AND USING SAME		

**FACSIMILE TRANSMISSION CERTIFICATE**

ATTN: Examiner Jacques M. Saint Surin  
Fax No. (571) 273-8300

I hereby certify that this document, along with any enclosures identified herein, is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

14

Number of Pages (including cover)

  
Vincent K. Gustafson

April 11, 2007

Date

**RESPONSE TO JANUARY 12, 2007 OFFICE ACTION IN  
U.S. PATENT APPLICATION NO. 10/784,606**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

2771-546-CIP1

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Sir:

This responds to the January 12, 2007 Office Action in the above-referenced application.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments of the claims and the substance of the January 12, 2007 Office Action are set out in **Section II (Remarks)** hereof.